

GEORGE ENGELMANN BOTANICAL NOTEBOOKS

*Pagination Note:
Since many of the items lack a specific page number, the page number displayed online refers to the sequentially created number each item was given upon cataloging the materials.*

Bruit, ex se

Abies cephalonica

(English cultiva.

near *Abies pectinata*
comes up with description,
native are very different,
or not correctly named

" April 294 — " 15.20
" May 287 — " 14.30

* Still-born are not included in list of deaths.

† The ratio of deaths per annum per mille of inhabitants. The number of inhabitants not being exactly known and constantly varying, these figures are approximative only, based on the official estimates of the population.



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cm

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MISSOURI
BOTANICAL
GARDEN

on the Army or the
Lt.-Col. J. J. Wood-
ral's Office, Circular
General's Office.
W York: Robt. M. De-

Witt. 1868. 8vo.

13098

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GEORGE ENGELMANN PAPERS



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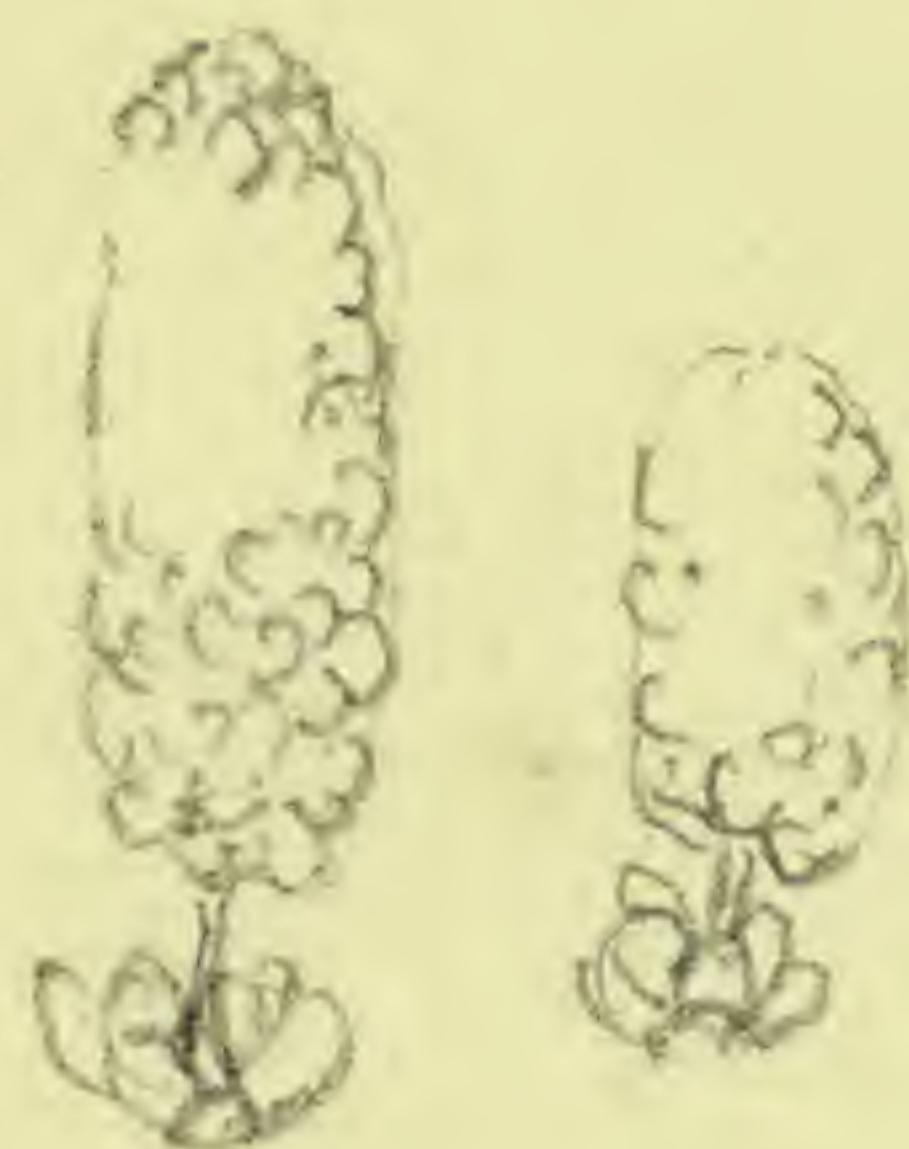


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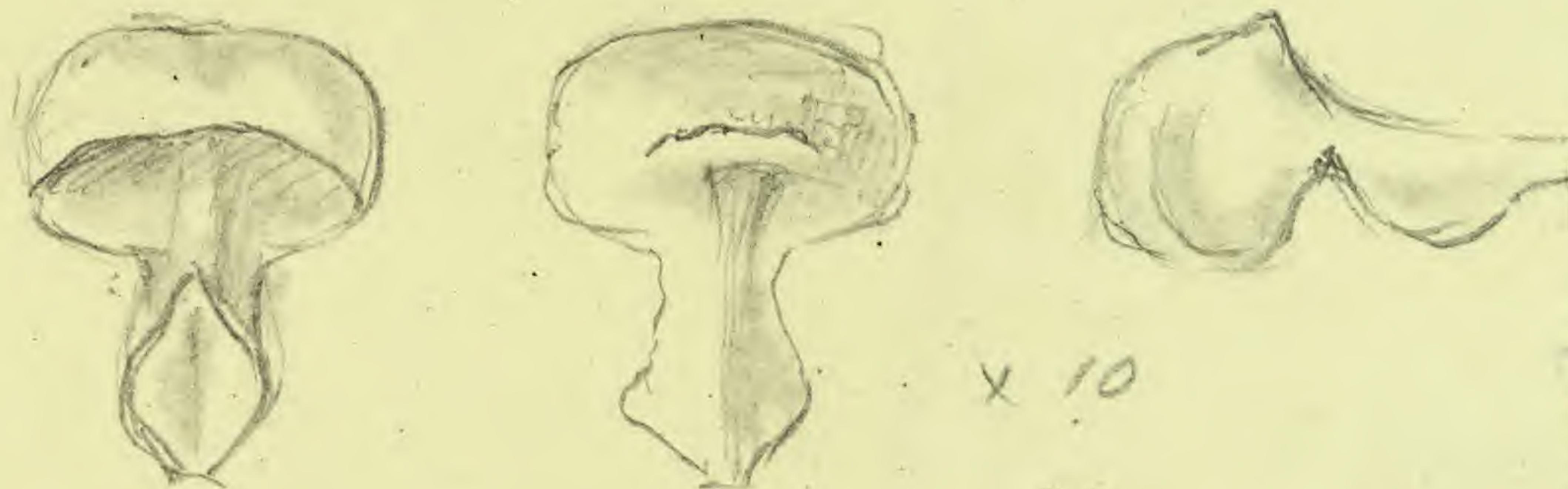
Abies Cephalonica Loud
Cephalonica

July 7 1865

Hedrick Herb. Grav. nomale № 801 (Herb Cossor)



5-7 or 8
Lm long



11111

Diameter of Pollen $\frac{27-29.8}{415} = 0.065-0.072$ Lin

$\frac{56.5-62.8}{415} = 0.136-0.150$ mm



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Abies cephalonica

Oct 6 4 1870

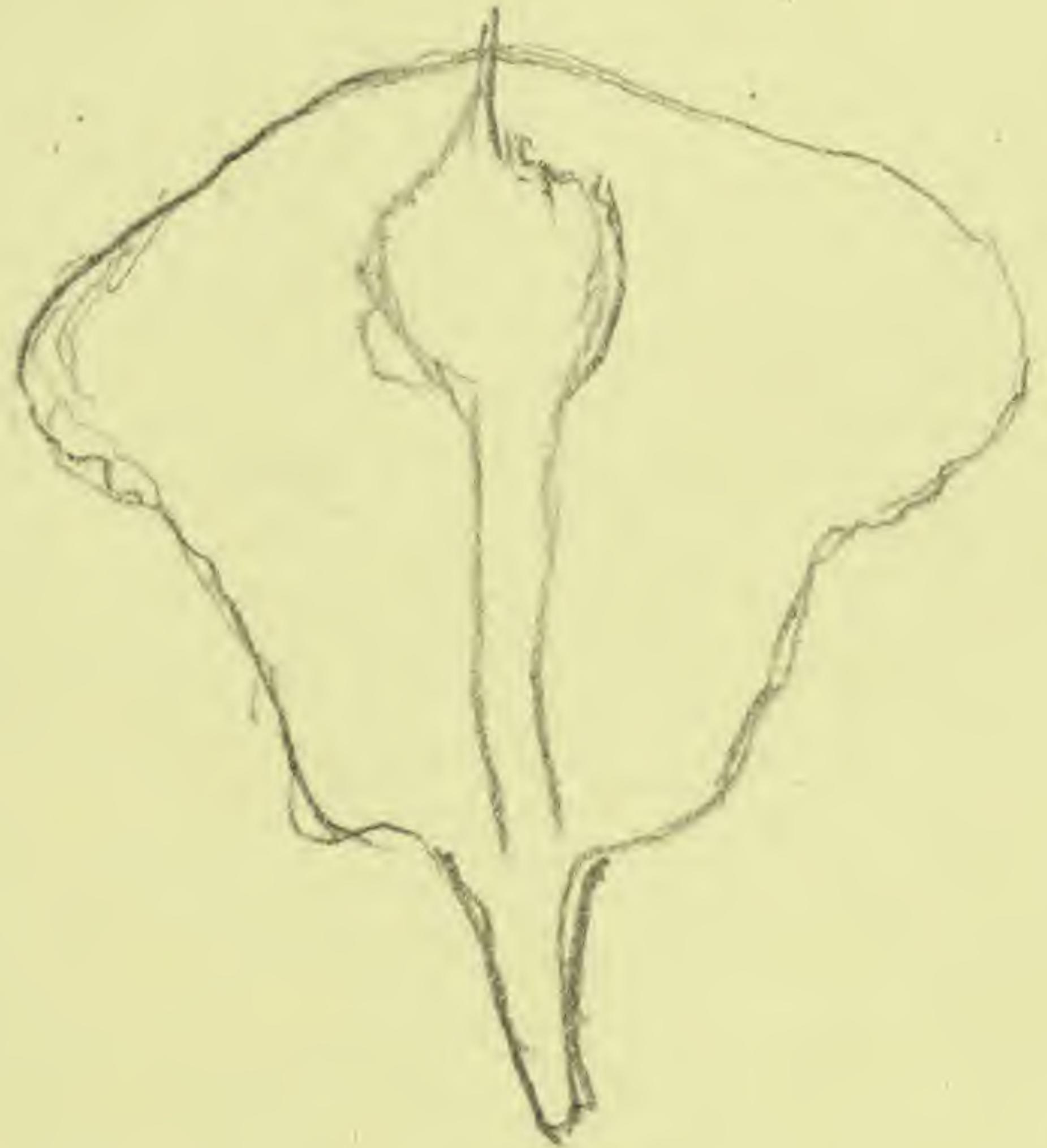
Cult. England

c Herb Padatow

George Engelmann 1870
WISCONSIN BOTANICAL GARDEN

22 : 25

2½ : 2
TREES.
APOMELAMBEA & YUDEINTHOA
COLLECTED IN A FOREST OF THE
MOUNTAINS OF CHINA.



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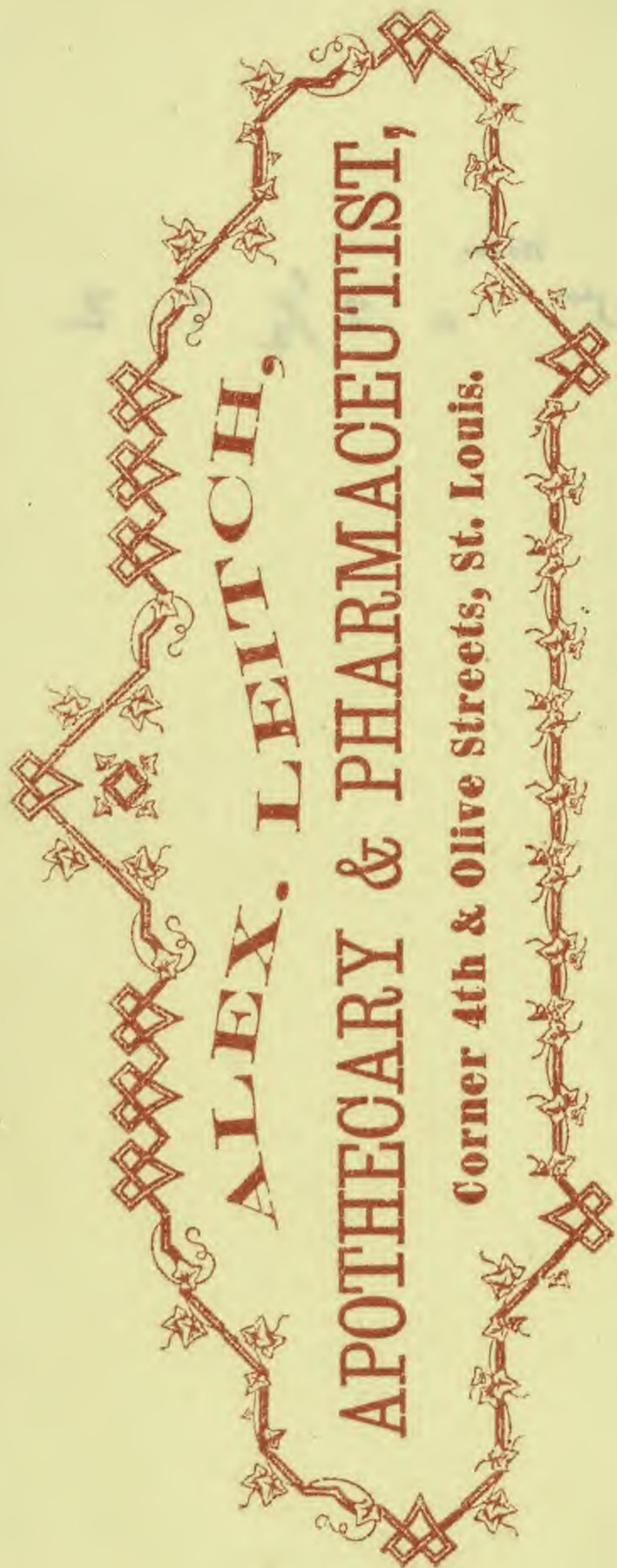
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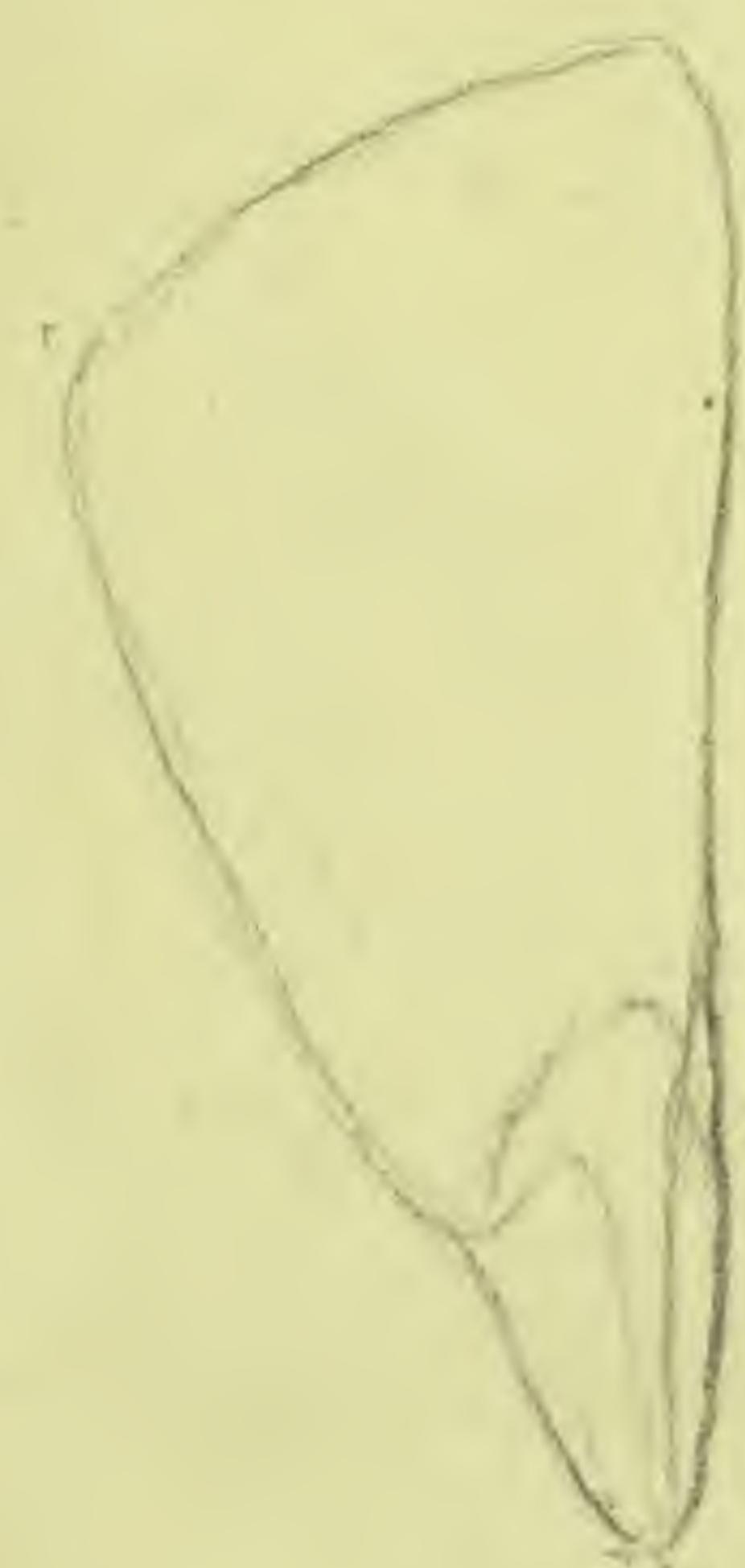
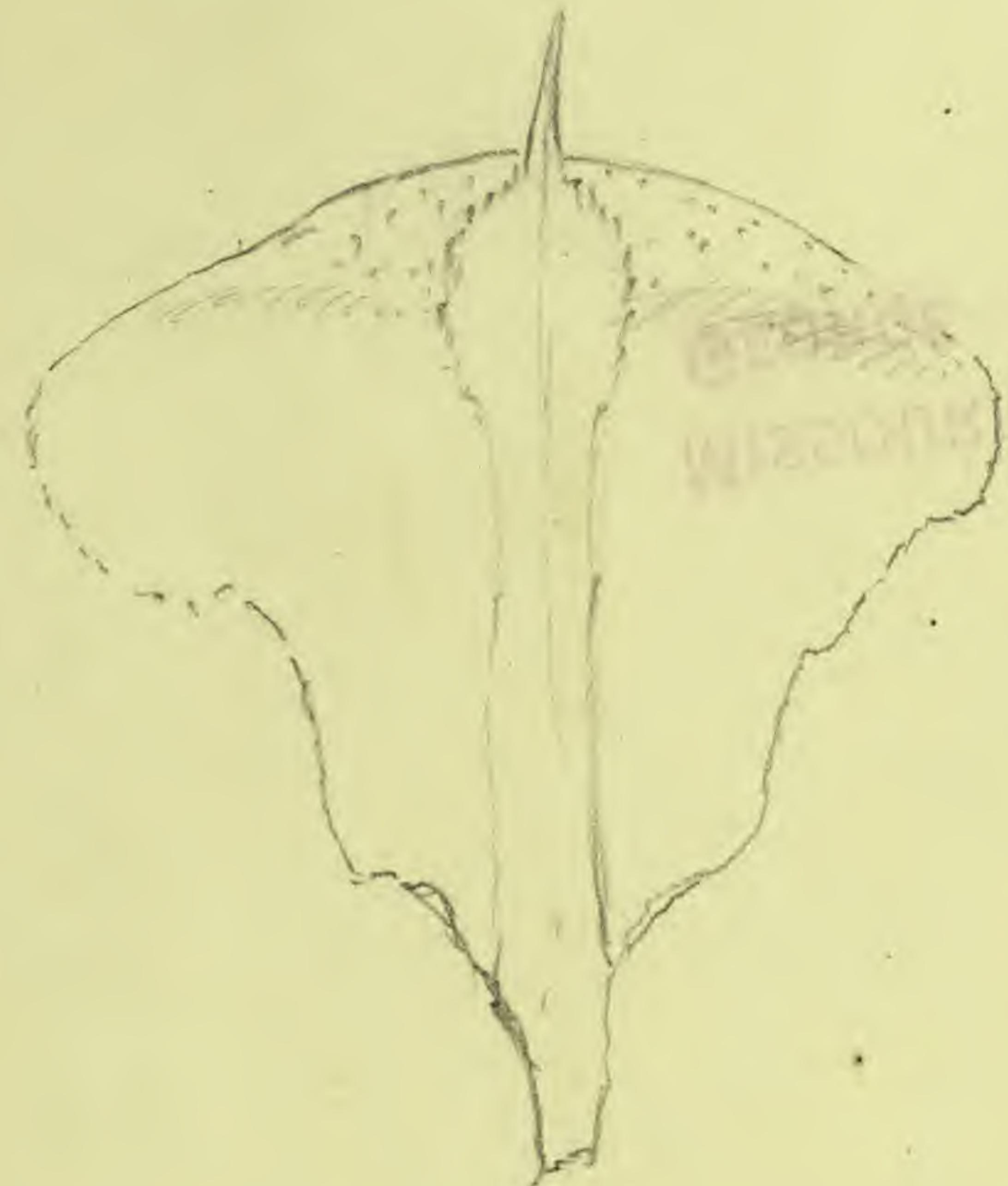


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Nira Cephalonica

Sept. 1 1870

cult. Japan 1869 17 Sept.



sterile, not developed

38 x

mm

STEREOMICROSCOPE

2¹/₄ 2



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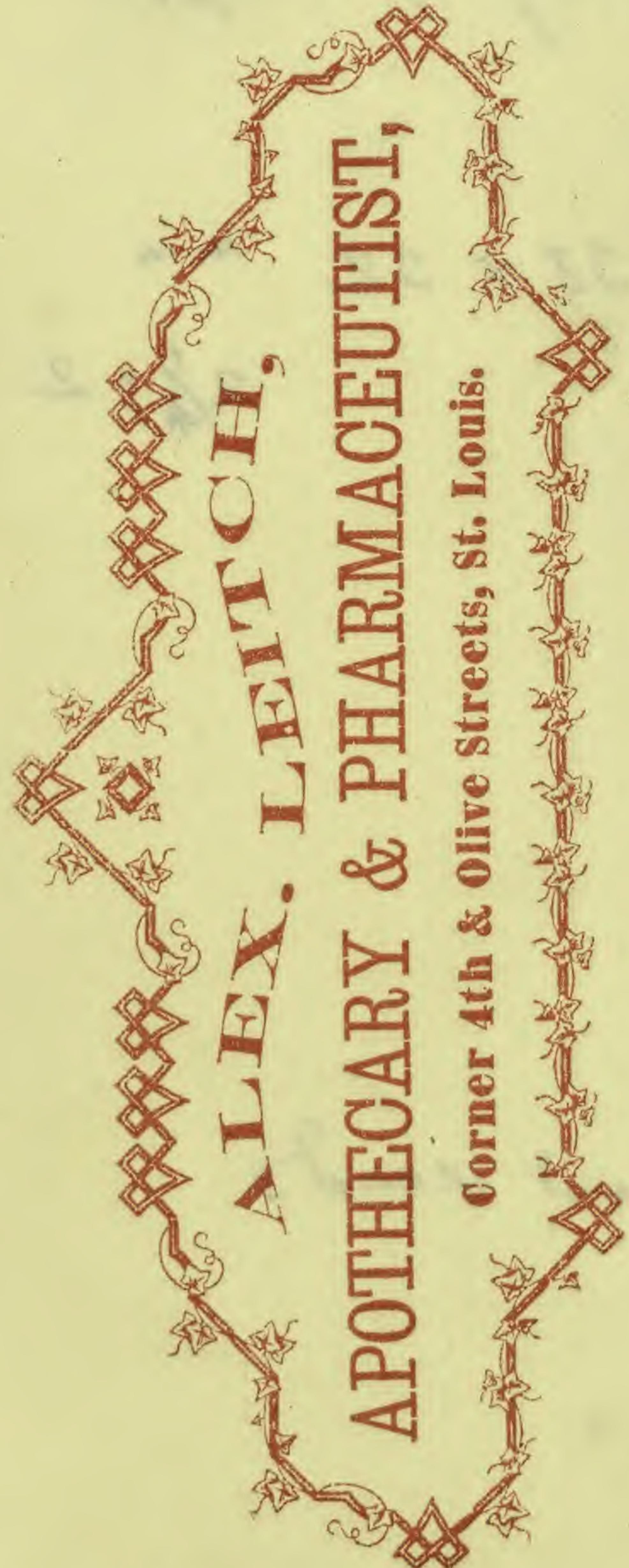
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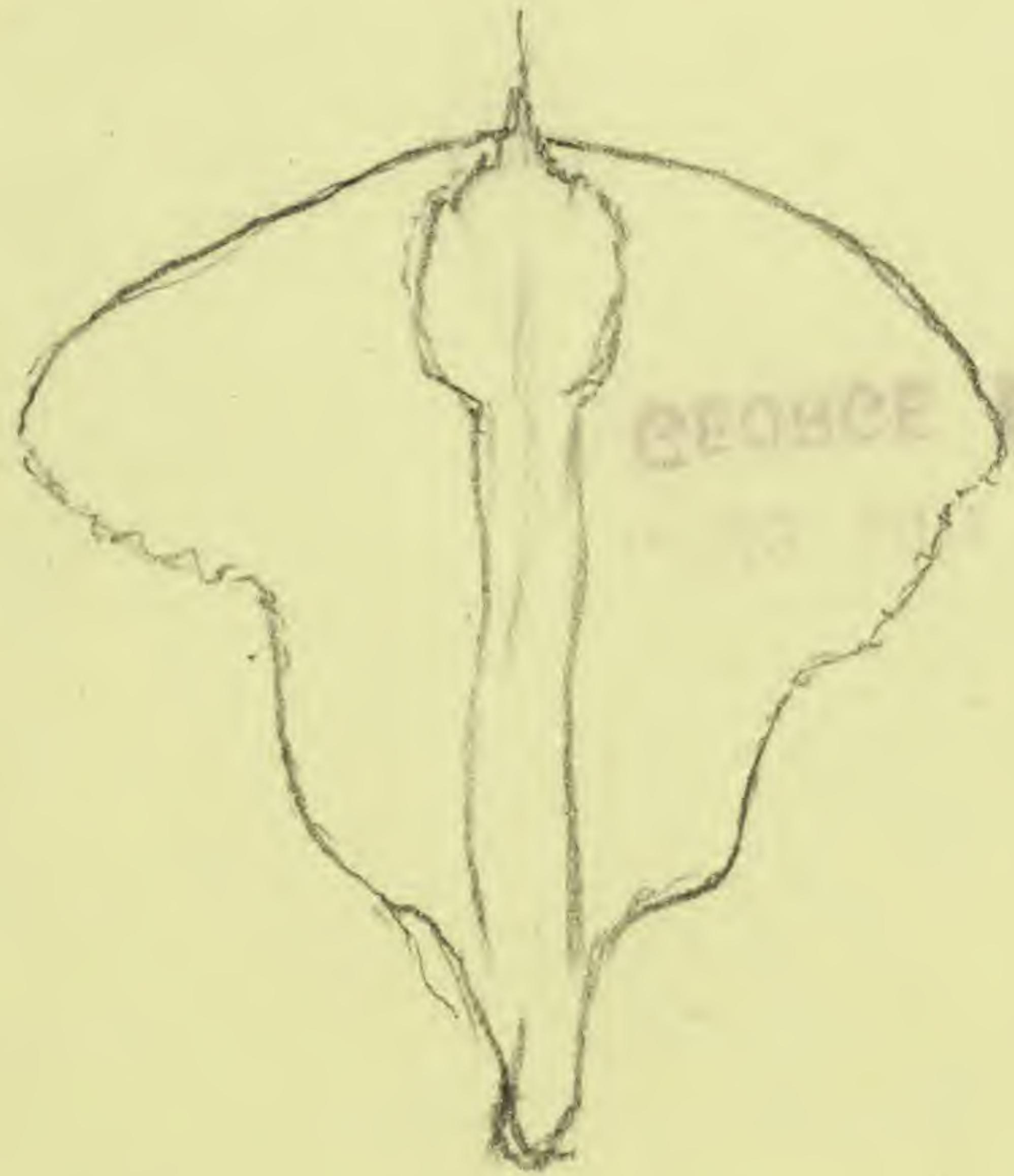


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Albie's *Cyphalonotus*

Oct 4 1870

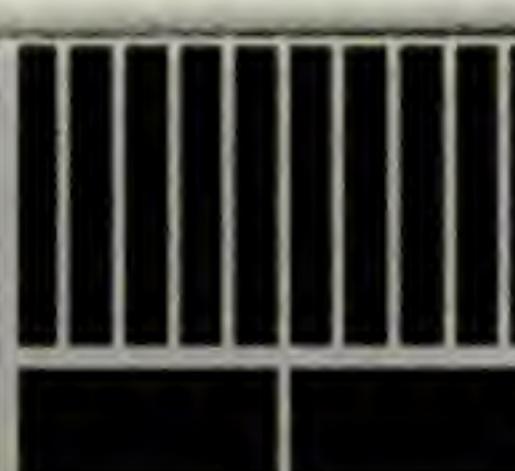
Douglas MacLean 17 Sept 1869



signature

35 : 27

2 2
2 1/2
2 1/2
MATERIALS
ADDITIONAL



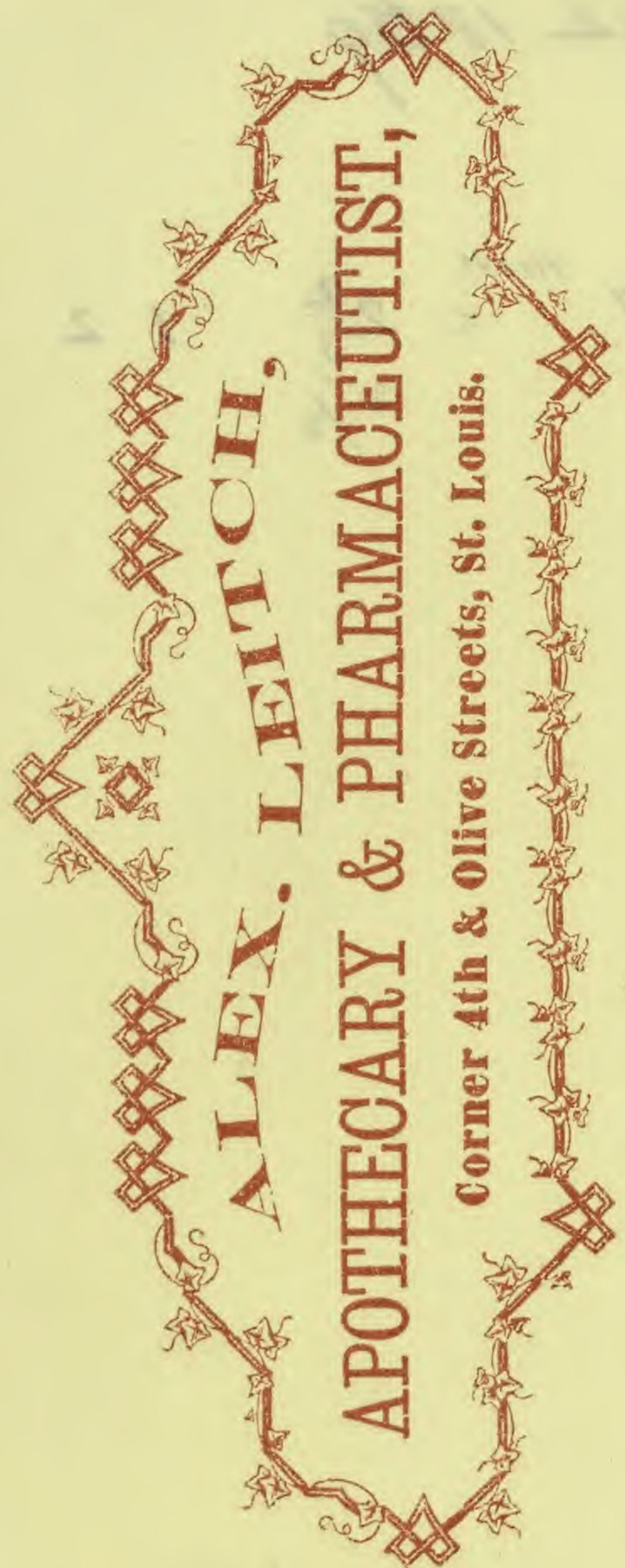
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2018



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Abies cephalonica Loudon, Arb. 4. 2325

Col. Napier sent the seeds to England 1824
but they were not noticed in nurseries till about
1836, and first published by Loudon 1838.

At that time the Dropmore specimen was 18 inches
high -

Now 1869, when I saw it it was a stately
cone bearing tree, 40-50 feet high.

Loudon did not know the cones and took it
for an Abies [lime] allude to magister



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L. O. WOODRUFF,
Cor. Sixth St. & Washington Ave,
Opposite Lindell Hotel,

ST. LOUIS, MO.

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Abies Cephaloarva

spontan ex Hb. Boissier in Hb. Berlin K69

Oct 4 1870



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35-^m : 2

^{3/2} : 2

ABIES CEPAHALOARVA

COLLECTED IN THE MOUNTAINS OF TIBET.



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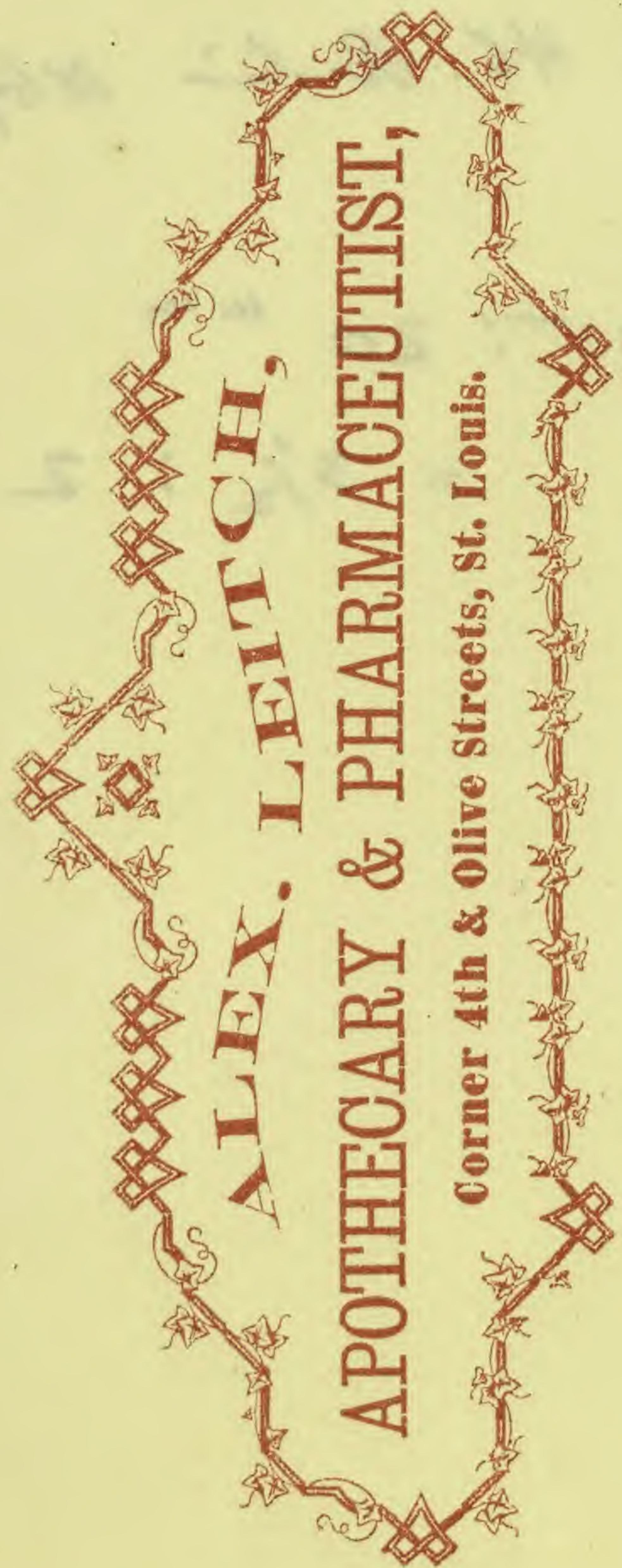
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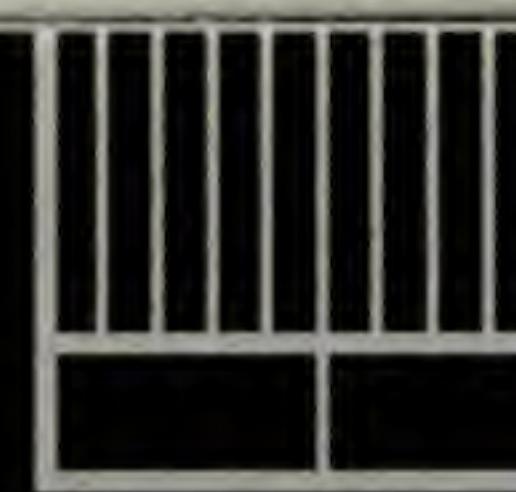


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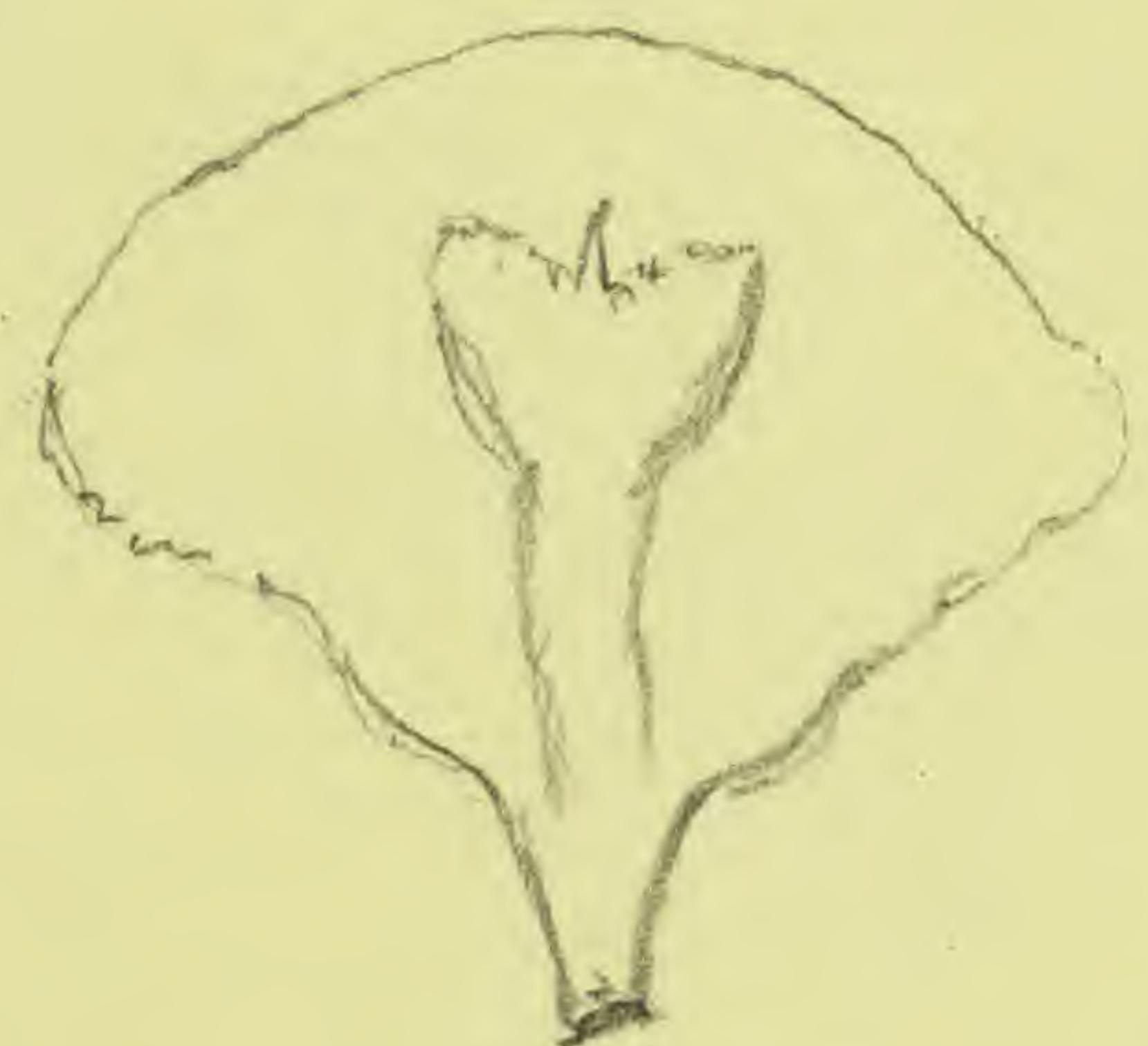


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Abies Cephalonica

Oct 6 1 1870

monte Nero, Cephalonia; leg. Mr. H. C. Conner



scale of young cone
belonging here

(very much like your
Spanish Pinus)

$$28 : 20 \frac{1}{2}^{\text{in.}} = 2\frac{4}{5} : 2$$

scale probably not from
middle of cone

1302



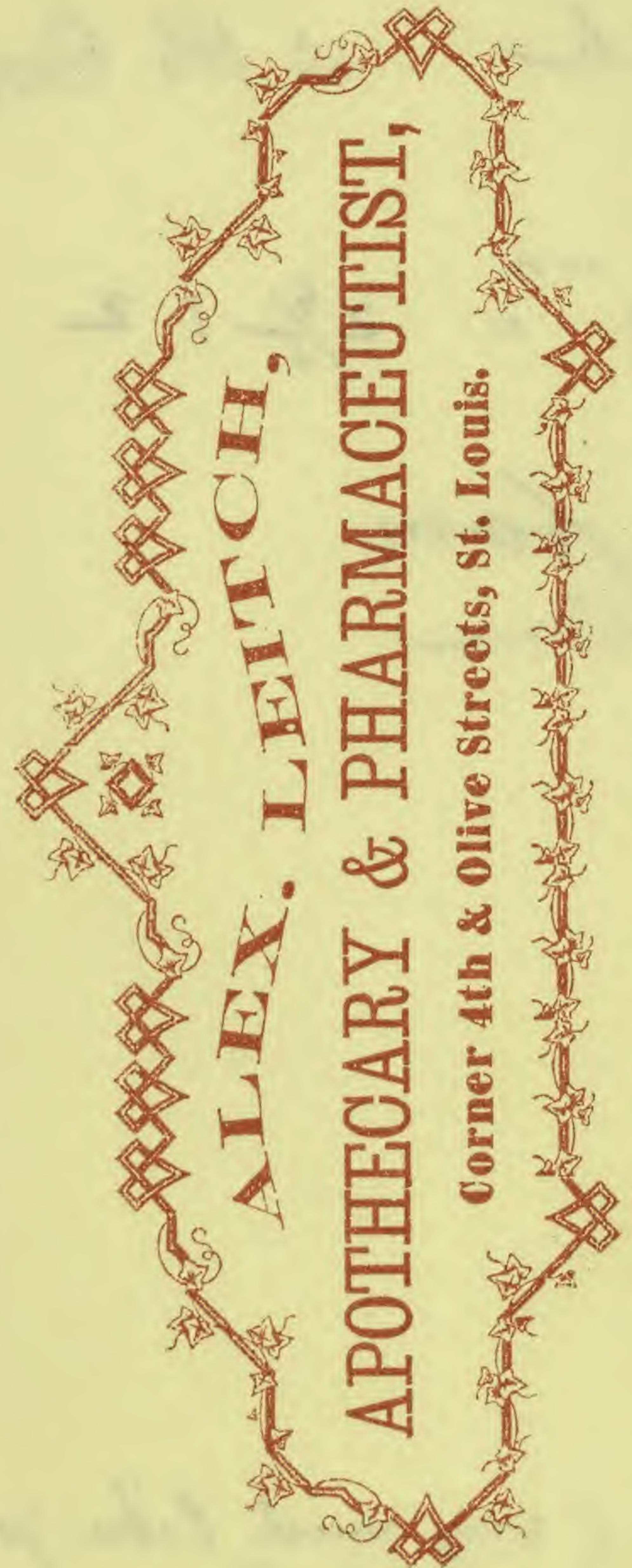
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Abies cephalonica

leaves pretty much all around the axis, ~~situated~~ more so in the more and branches. Here there ~~line~~ ^{are} fine of the ~~vertical~~ leaves in the vertical plane, above as well as below are straight, not twisted, showing the upper green side, if seen from above, and the lower white side if seen from below.

all the other (lateral) leaves are turned in, that on lower side of branch the lower (white) side is colored, the upper (green) side upward — but on the sides and upward toward the upper side of the (oblique, horizontal, or obliquely suberect) branchlets the leaves are by twist ~~obliquely~~ vertically placed, on the lower, white side, a little more upward.

The twist of the leaf is usually a little more above the base than in most *Abies*, — lower fourth.



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cm

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Cambridge Oct 1876.

more so

situated in the more and



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13106

THE GARDENERS' CHRONICLE OFFICE,

41. Wellington Street, Strand, w.c.

London Aug 5th 1876

My dear Sir

Yours of 14th ult.

to hand, I am exceedingly
bepid you should have so
much trouble over that boy,
I have now written to
Messrs W. W & S. Horne, of
4 Moorgate St. London, the
forwarding agents and will
send your their reply as
soon as I receive it. If
it is not a satisfactory
one, I shall send in a

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